

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re patent application of

Koji UTSUGI, et al

Serial No.: 10/726,013

Group Art Unit: Not Yet Assigned

Filing Date: December 3, 2003

Examiner: Not Yet Assigned

For: ELECTROLYTE FOR SECONDARY BATTERY AND SECONDARY  
BATTERY USING SAMEHonorable Commissioner of Patents  
Alexandria, Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3), the relevance of these documents are discussed on pages 2-3, 5, 8, and 10-11 of the subject application. Further, English-language Abstracts are attached to the Japanese patent references.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

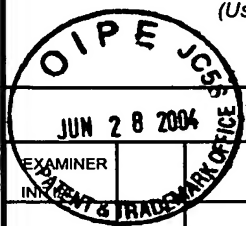
Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,

Sean M. McGinn  
Registration No. 34,386Date: 6/28/04McGinn & Gibb, PLLC  
Intellectual Property Law  
8321 Old Courthouse Road, Suite 200  
Vienna, Virginia 22182-3817  
(703) 761-4100  
Customer No. 21254

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.

03043-1

APPLICATION NO.

10/726.013

APPLICANT(S)

Koji UTSUGI, et al.

FILING DATE

December 3, 2003

GROUP ART UNIT

Not Yet Assigned

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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## U.S. PATENT APPLICATION PUBLICATIONS

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## FOREIGN PATENT DOCUMENTS

|  |  | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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|  |  |                 |          |         |       |          | YES         | NO |
|  |  | 7-302617        | 11/14/95 | JAPAN   |       |          | ABS         |    |
|  |  | 8-250108        | 9/27/96  | JAPAN   |       |          | ABS         |    |
|  |  | 11-288706       | 10/19/99 | JAPAN   |       |          | ABS         |    |
|  |  | 5-275077        | 10/22/93 | JAPAN   |       |          | ABS         |    |
|  |  | 2000-3724       | 1/7/00   | JAPAN   |       |          | ABS         |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*ATTY DOCKET NO.  
**03043-1**APPLICATION NO.  
**10/726,013****Koji UTSUGI, et al.**FILING  
**December 3, 2003**GROUP ART  
**Not Yet Assigned****U.S. PATENT DOCUMENTS**

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|  |  |                 |          |         |       |          | YES         | NO |
|  |  | 60-154478       | 8/14/85  | JAPAN   |       |          | ABS         |    |
|  |  | 62-100948       | 5/11/87  | JAPAN   |       |          | ABS         |    |
|  |  | 63-102173       | 5/7/88   | JAPAN   |       |          | ABS         |    |
|  |  | 11-339850       | 12/10/99 | JAPAN   |       |          | ABS         |    |
|  |  | 10-189041       | 7/21/98  | JAPAN   |       |          | ABS         |    |

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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|  |  |  |  | Koji UTSUGI, et al.               |  |                                      |  |
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|                          |  | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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|                          |  | 10-50342        | 2/20/98  | JAPAN   |       |          | ABS         |    |
|                          |  | 2000-235866     | 8/29/00  | JAPAN   |       |          | ABS         |    |
|                          |  | 2000-294278     | 10/20/00 | JAPAN   |       |          | ABS         |    |
|                          |  | 4-169075        | 6/17/92  | JAPAN   |       |          | ABS         |    |
|                          |  | 7-122296        | 5/12/95  | JAPAN   |       |          | ABS         |    |

| OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> |  |  |  |
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| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i>   |  |                 |         | ATTY DOCKET NO.<br><b>03043-1</b> |       | APPLICATION NO.<br><b>10/726,013</b> |                               |    |
|  |  |                 |         | Koji UTSUGI, et al.               |       |                                      |                               |    |
|  |  |                 |         | FILING<br><b>December 3, 2003</b> |       | GROUP ART<br><b>Not Yet Assigned</b> |                               |    |
| <b>U.S. PATENT DOCUMENTS</b>   |  |                 |         |                                   |       |                                      |                               |    |
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| <b>FOREIGN PATENT DOCUMENTS</b>  |  |                 |         |                                   |       |                                      |                               |    |
|  |  | DOCUMENT NUMBER | DATE    | COUNTRY                           | CLASS | SUBCLASS                             | TRANSLATION                   |    |
|  |  |                 |         |                                   |       |                                      | YES                           | NO |
|  |  | 8-45545         | 2/16/96 | JAPAN                             |       |                                      | ABS                           |    |
|  |  | 5-82138         | 4/2/93  | JAPAN                             |       |                                      | ABS                           |    |
|  |  | 5-74486         | 3/26/93 | JAPAN                             |       |                                      | ABS                           |    |
|  |  | 6-52887         | 2/25/94 | JAPAN                             |       |                                      | ABS                           |    |
|  |  | 11-260401       | 9/24/99 | JAPAN                             |       |                                      | ABS                           |    |
| <b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> |  |                 |         |                                   |       |                                      |                               |    |
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|                          |  | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |  |                 |         |         |       |          | YES         | NO |
|                          |  | 2000-208169     | 7/28/00 | JAPAN   |       |          | ABS         |    |
|                          |  | 2001-35530      | 2/9/01  | JAPAN   |       |          | ABS         |    |
|                          |  | 2000-138071     | 5/16/00 | JAPAN   |       |          | ABS         |    |
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|   |  |  | The Autumn Conference 2000 of the Electrochemical Society of Japan, September 2000, Chiba Institute of Technology, Lecture No. 2A24, p. 24   |
|   |  |  | Katsuro Yamauchi, et al., "Dynamic Surface Modification of lithium Metal Anode with Imide Electolyte", The 41st Battery Symposium in Japan, November 2000, Nagoya Congress Center, Lecture No. 1E03, pp. 524-525 |

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